

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (Canceled).

Claim 13 (New): A bobbin for a coil comprising:

a bobbin body formed of an insulating material, and capable of fitting into the inside of windings of a coil; and

a protrusion formed of an insulating material, extending outward from an outer peripheral surface of said bobbin body, and capable of interposing between the windings.

Claim 14 (New): A bobbin for a coil according to claim 13, wherein:

said bobbin comprises two or more of said protrusions, and

said two or more protrusions are spaced apart from one another at intervals of a predefined spacing corresponding to a pitch of the windings with respect to a lengthwise direction of said bobbin body.

Claim 15 (New): A bobbin for a coil according to claim 13, further comprising:

stopper means protruding from said bobbin body, and abutting to the windings or core when said bobbin is mounted in the coil to prevent said bobbin from rotating.

Claim 16 (New): A bobbin for a coil according to claim 15, wherein said stopper means comprises:

a flange extending outward from the outer peripheral surface of said bobbin body at an end of said bobbin body in a lengthwise direction; and

at least one stopper protrusion protruding from an edge of said flange in a direction opposite to a direction in which said bobbin body extends for engagement with a core.

Claim 17 (New): A coil comprising:

windings; and

a bobbin including a bobbin body formed of an insulating material and fitted into the inside of said windings, and a protrusion formed of an insulating material, extending outward from an outer peripheral surface of said bobbin body and interposed between said windings.

Claim 18 (New): A coil according to claim 17, wherein:

said bobbin comprises two or more of said protrusions, and

said two or more protrusions are spaced apart from one another at intervals of a predefined spacing corresponding to a pitch of the windings with respect to a lengthwise direction of said bobbin body.

Claim 19 (New): A coil according to claim 17, further comprising:

stopper means protruding from said bobbin body, and abutting to the windings to prevent said bobbin from rotating.

Claim 20 (New): A coil according to claim 17, further comprising a core,

wherein said bobbin includes stopper means protruding from said bobbin body, and abutting to the core to prevent said bobbin from rotating.

Claim 21 (New): A coil according to claim 19, wherein:

said stopper means comprises a stopper piece configured to protrude outward from the outer peripheral surface of said bobbin body substantially on the opposite side of said protrusion, and fitted in a slit formed at a bend of a coil winding.

Claim 22 (New): A coil according to claim 20, wherein said stopper means comprises:

a flange extending outward from the outer peripheral surface of said bobbin body at an end of said bobbin body in a lengthwise direction; and

at least one stopper protrusion protruding from an edge of said flange in a direction opposite to a direction in which said bobbin body extends for engagement with a core.

Claim 23 (New): A coil according to claim 17, wherein said protrusion has a thickness dimension of a size equal to or larger than a spacing between said windings.

Claim 24 (New): A coil according to claim 18, wherein said protrusion has a thickness dimension of a size equal to or larger than a spacing between said windings.

Claim 25 (New): A transformer comprising:

a primary winding and a secondary winding;

wherein said at least one winding of the primary winding and the secondary winding includes a bobbin including a bobbin body formed of an insulating material, and fitted into the inside of the winding; and a protrusion formed of an insulating material, extending outward from an outer peripheral surface of said bobbin body, and interposed between the windings.

Claim 26 (New): A DC-DC converter comprising:

a transformer, the transformer including:

a primary winding;

a secondary winding; and

a bobbin provided in at least one winding of the primary winding and the secondary winding, which includes a bobbin body formed of an insulating material and fitted into the inside of the winding, and a protrusion formed of an insulating material, extending outward from an outer peripheral surface of said bobbin body and interposed between the windings.